AMENDMENT

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph [00140] with the following replacement paragraph:

[00140] Total RNA was prepared from the tissue of each organ obtained in Example 10 above using ISOGEN (Nippon Gene) as instructed by the manufacturer and treated with DNase. TaqMan® Reverse Transcription Reagents (PE Applied Biosystems) were used to synthesize cDNA from 1 μg each of the total RNA treated with DNase in 50 μl of the reaction solution. Gene expression was analyzed by a real-time PCR assay system using ABI PRISM 7700 (PE Applied Biosystems). The primers for detecting AOP-1 and other genes and the TaqMan probe were designed on the basis of the nucleotide sequence of mouse AOP-1 cDNA using a primer design software ABI PRISM Primer Express. AOP-1 forward primer (SEQ ID NO: 7), reverse primer (SEQ ID NO: 8), TaqMan probe (SEQ ID NO: 9). TSA forward primer (SEQ ID NO: 10), reverse primer (SEQ ID NO: 11), TaqMan probe (SEQ ID NO: 12). CuZn-SOD forward primer (SEQ ID NO: 13), reverse primer (SEQ ID NO: 14), TaqMan probe (SEQ ID NO: 15). Catalase forward primer (SEQ ID NO: 16), reverse primer (SEQ ID NO: 17), TaqMan probe (SEQ ID NO: 18). Mn-SOD forward primer (SEQ ID NO: ~~19~~ 21), reverse primer (SEQ ID NO: ~~20~~ 22), TaqMan probe (SEQ ID NO: ~~21~~ 23).